

Electronic Acknowledgement Receipt

EFS ID:	5062475
Application Number:	10758952
International Application Number:	
Confirmation Number:	6180
Title of Invention:	Battery charging and discharging by using a bi-directional transistor
First Named Inventor/Applicant Name:	Bruce R. Ferguson
Customer Number:	20995
Filer:	Sharon S. Ng/Chelsea Pearsall
Filer Authorized By:	Sharon S. Ng
Attorney Docket Number:	MSEMI.084A
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Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	issue-fee-revised-title.pdf	97343	no	1
			f47d6a2e8f6d763b824e30035a4631b1f3ec0d8c		

Warnings:**Information:**

2	Fee Worksheet (PTO-06)	fee-info.pdf	29705	no	2
			615aa5e1a9868b20d6518b4d1f0393c660866b59		

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Total Files Size (in bytes):			127048
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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